

T09020" 99200660

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

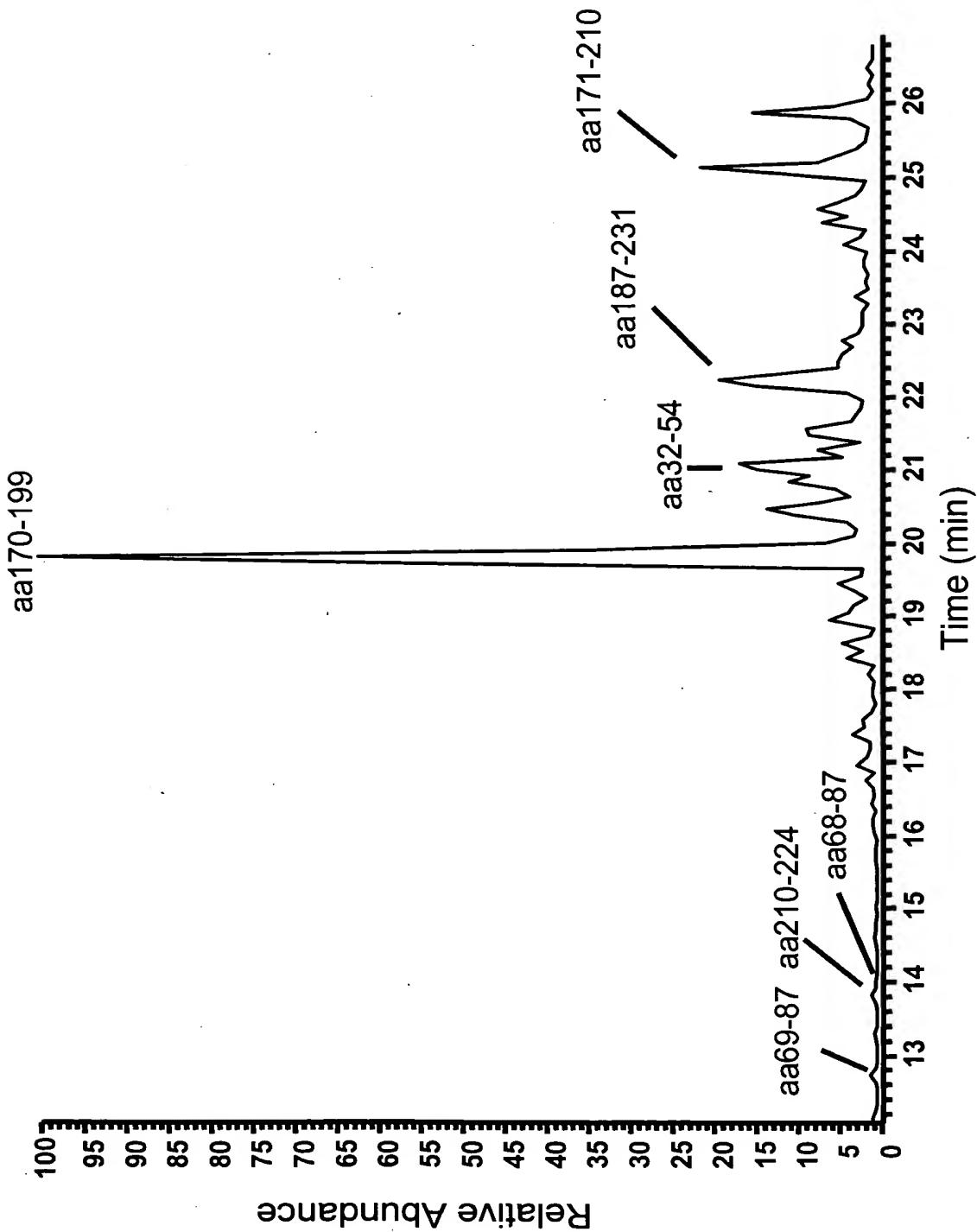


FIG. 1

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APPROVED	O.G. FIG.	
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1	6	11	16	21	26	31	36	41	46
SEQ ID NO: 2 1-50 SEKSEEINEKDLRKKSELQGTALGNLKQIYYNSKAITSSSEKSADQFLTN									
51-100 TLLFKGFFTGHPWYNDLLVDLGSTAATSEYEGSSVDLYGAYYGQCAGGT									
101-150 PNKTACMYGGVTLHDNNRLTEKKVPINLWIDGKQTTVPIDKVKTSKKEV									
151-200 TVQEIDLQARHYLHGKFGLYNSDSFGGKVQRLIVFHSSEGSTVSYDLFD									
201-233 AQQQYPDTLLRIYRDNTTISSTLSISLYLYTT									

FIG. 2

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SEQ ID NO: 3 SEAE18: SEKSEEINEKDLRKKSELQGTALGNLKQIYYN---EKAITENKESDDQF  
SEQ ID NO: 4 SEA : SEKSEEINEKDLRKKSELQGTALGNLKQIYYN---EKAITENKESHQF  
SEQ ID NO: 5 SED : ALHKKSELSSSTALNNMKHSYADA---NPIIGANKSTGDF  
SEQ ID NO: 6 SEH : EDLHDKSELTDLALANAYGQYNHPFIKENIKSDEISGEKDL

SEAE18: LENTLLFKGFFTHPWYNDLLVDLGSKDATNKYKGKKVDLYGAYGYQCA  
SEA : LQHTILFKGFFTHSWYNDLLVDFDSKDIVDKYKGKKVDLYGAYGYQCA  
SED : LENTLLYKAF-----LLINFSAEMAQHFKSKNVDVYAIRYAAAC-  
SEH : IFRNQGDG-----NDLRVKFATADLAQKFKNKNVDIYGASFYKCE

SEAE18: GGTPNKTACMYGGVTLHDNNRLTEKKVPINLWIDGKQTTVPIDKVKTSK  
SEA : GGTPNKTACMYGGVTLHDNNRLTEKKVPINLWIDGKQTTVPIDKVKTSK  
SED : -----RTACTYGGVTPHAGNALKARKKIPINLWIGVQKEVSLDKVQTDK  
SEH : KISENISECLYGGTTLN-SEKLAQERVIGANVVDGIGQKETE--LIRTNK

SEAE18: KEVTVQELDLQARHYLHGKFLYNSDSFEGGKVQRLIVFHSSEGSTVSYD  
SEA : KNVTVQELDLQARRYLQEKYNLYNSDVF--AIQRGKLEFDSAAASKVSYD  
SED : KNVTVQELDLQARRYLQKDLKLYN-----KDSEISKGLIEFDMKTPRDYSFD  
SEH : KNVTVQELDLQARRYLQKDLKLYN-----KDSEISKGLIEFDMKTPRDYSFD

SEAE18: LFDAQGQYPTLLRIYRDNKTINSEN-LHIALYLYTT  
SEA : LFDAQGQYPTLLRIYRDNKTINSEN-LHIALYLYTT  
SED : LFDVAGDFPEKQLRIYSDNKTLSLSTEH-LHIDYLYEA  
SEH : IYDLKGENDYEIDKIYEDNKTLSKDDI-SHIDVNLTYTKKKV

FIG. 3



APPROVED BY DRAFTSMAN	O.G. FIG.	
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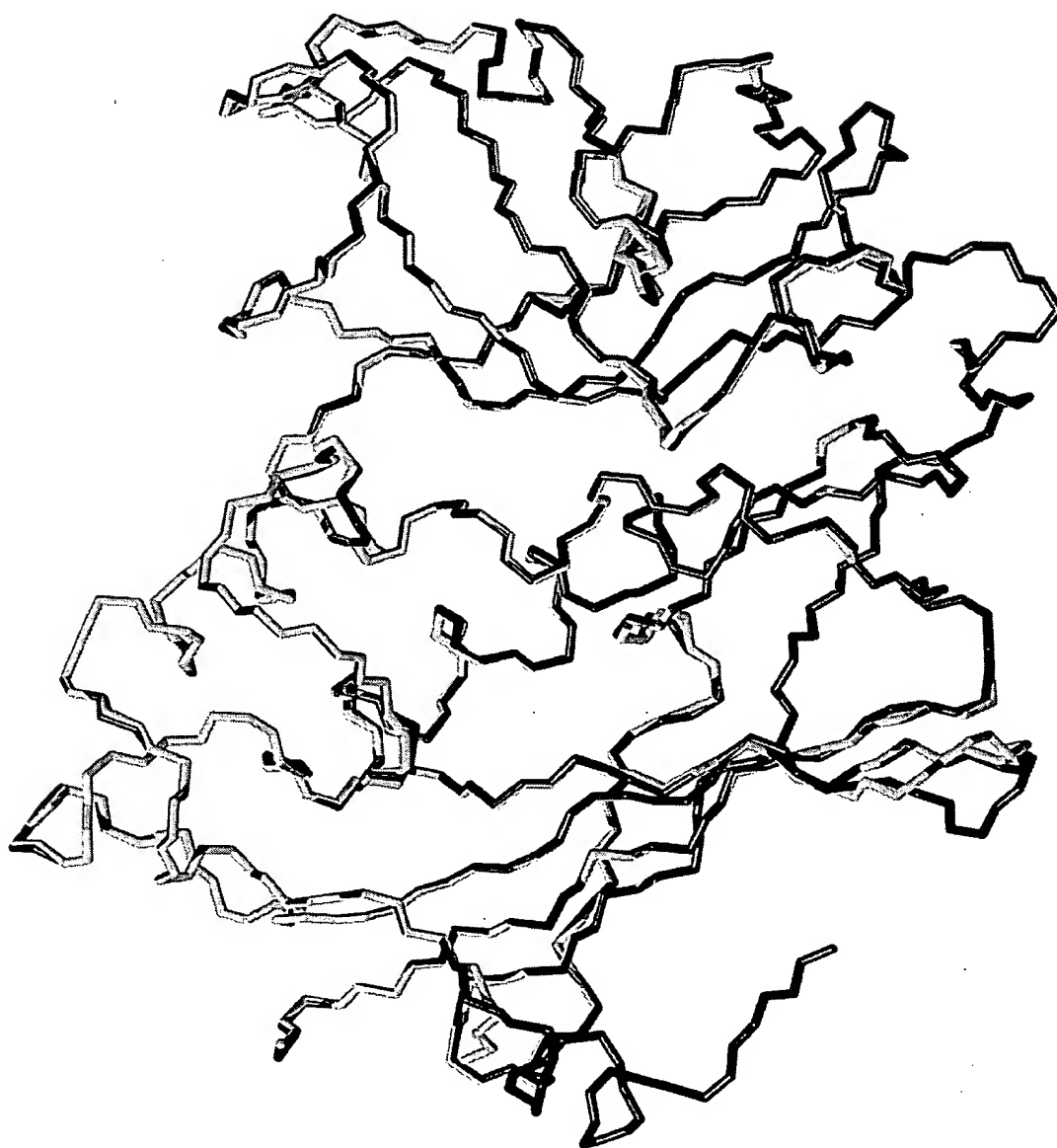


FIG. 5

APPROVED	O.G. FIG.	
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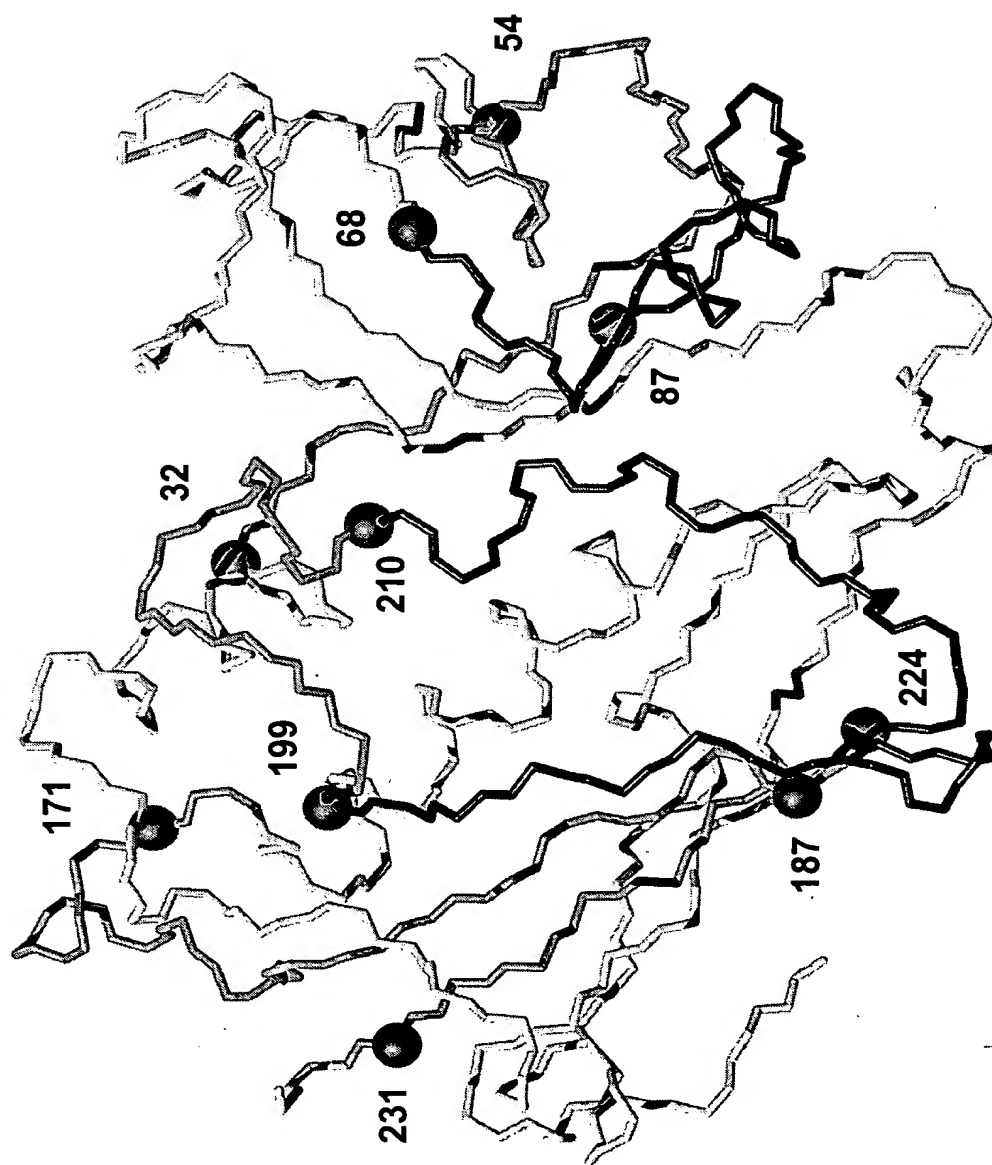


FIG. 6

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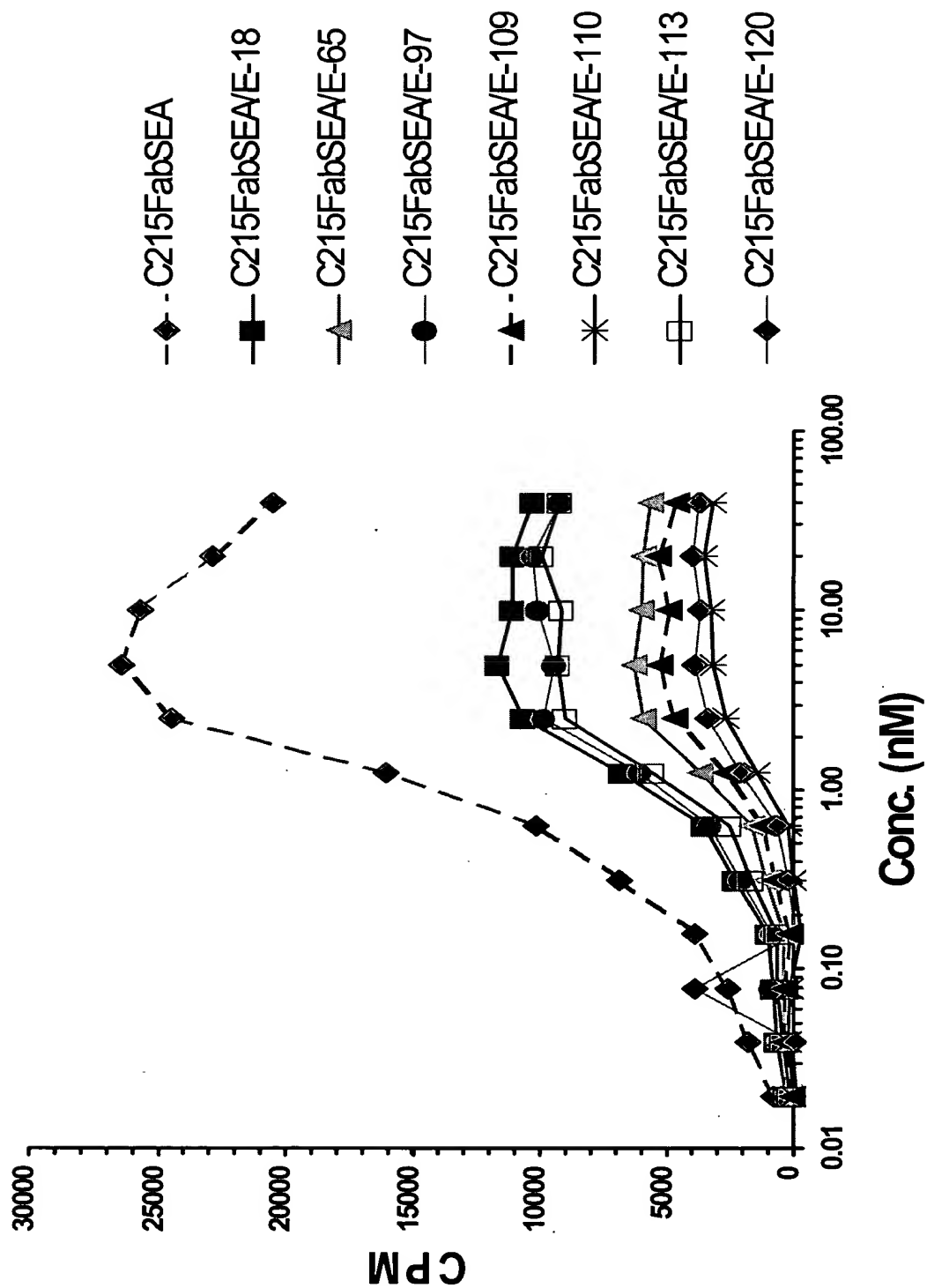


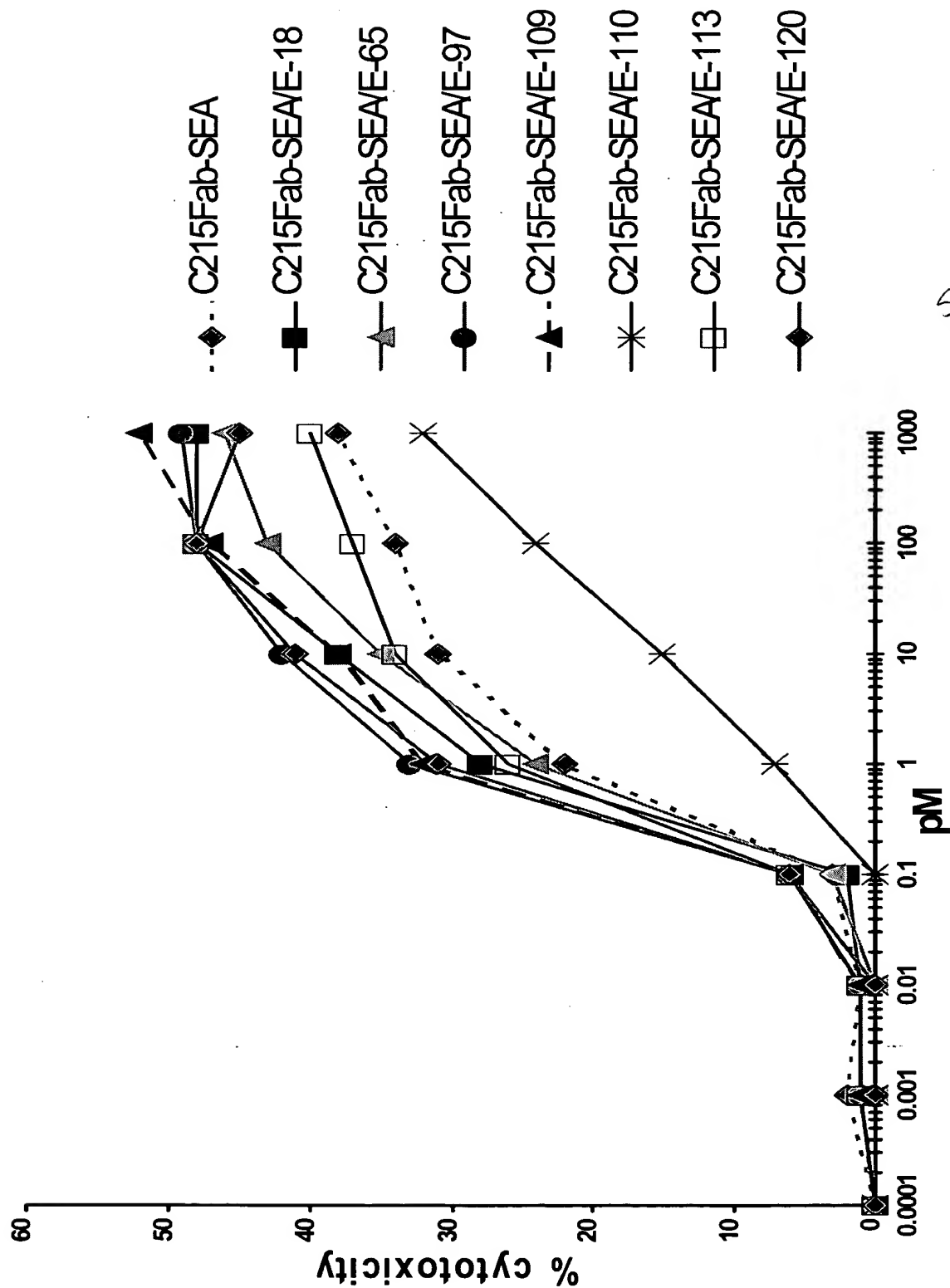
FIG. 7

reduction in  
binding to  
human α5β1A  
by SEE  
variants.

NO control  
for SEE  
alone.

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APPROVED	O.G. FIG.
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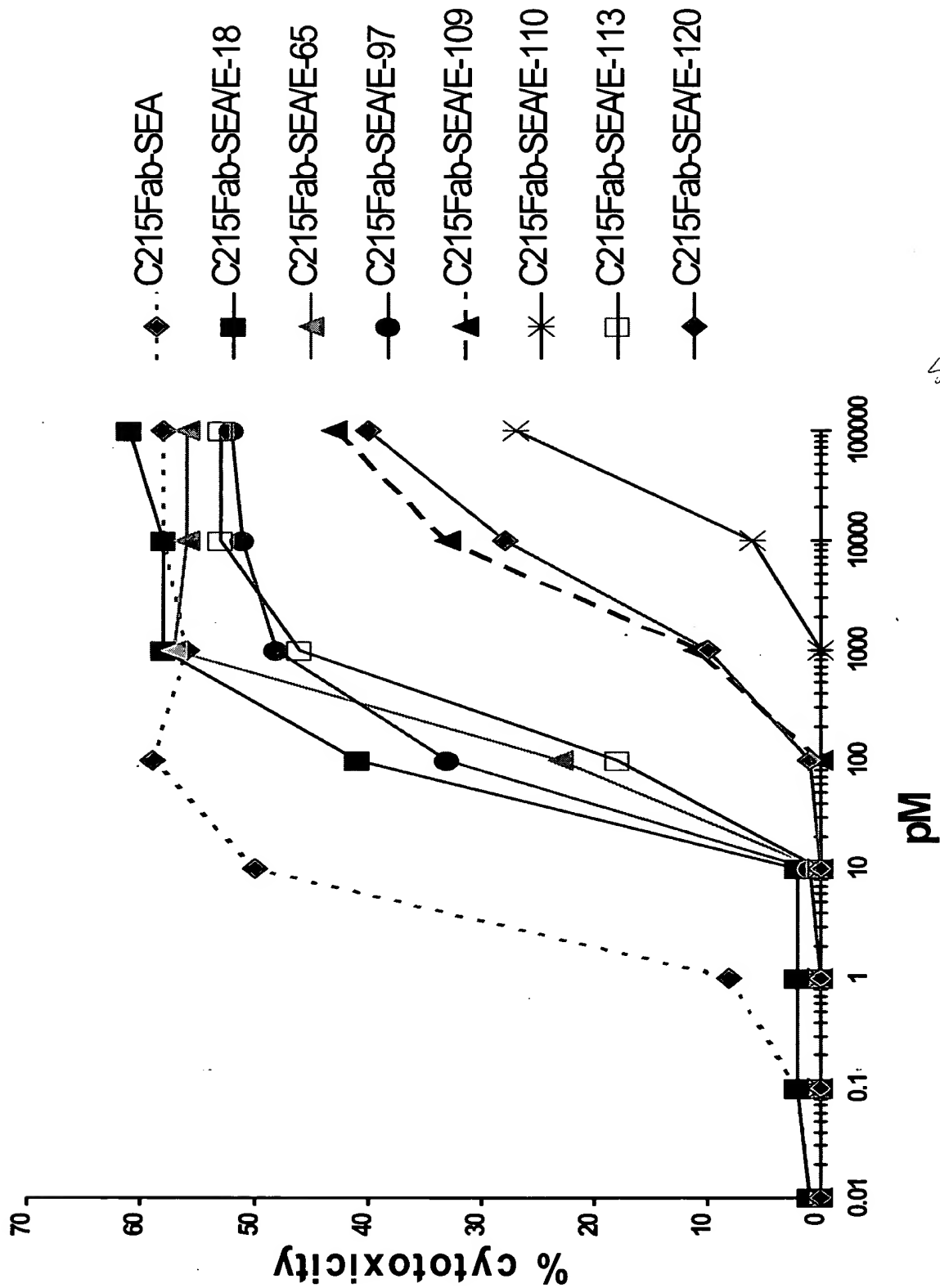
Superantigen-antibody  
Ab-dependent  
cellular  
cytotoxicity

FIG. 8A



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*Supernatant dependent  
cellular  
cytotoxicity*

FIG. 8B

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FIG. 9

FIG. 10

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### 5T4 Variable Heavy chain

SEQ ID NO: 1 1-50

EVQLQ QSGPD LVKPG ASVKI SCKAS GYSFT GYMH WVKQS PGKGL EWIGR

51-100

INPNN GVTLY NQKFK DKATL TVDKS STTAY MELRS LTSED SAVYY CARST

101-150

MITNY VMDYW GQGTS VTVSS AKTTP PSVYP LAPGS AAQTN SMVTL GCLVK

151-200

GYFPE PVTVT WNSGS LSSGV HTFPA VLQSD LYTLS SSVTV PSSTW PSETV

201-250

TCNVA HPASS TKVDK KIVPR DSGGP SEKSE EINEK DLRKK SELQG TALGN

251-300

LKQIY YYNBSK AITSS EKSAD QFLTN TLLFK GFFTG HPWYN DLLVD LGSTA

301-350

ATSEY EGSSV DLYGA YGYQY CAGGT PNKTA CMYGG VTLHD NNRLT EEKKV

351-400

PINLW IDGKQ TTVPI DKVKT SKKEV TVQEL DLQAR HYLHG KFGLY NSDSF

401-450

GGKVQ RGLIV FHSSE GSTVS YDLFD AQQY PDLTL RIYRD NTTIS STSLS

451-500

ISLYL YTTSI VMTQT PTSLL VSAGD RVTIT CKASQ SVSND VAWYQ QKPGQ

501-550

SPKLL ISYTS SRYAG VPDRF SGSGY GTDFT LTISS VQAED AAVYF CQQDY

551-600

NSPPT FGGGT KLEIK RADAA PTVSI FPPSS EQLTS GGASV VCFNL NFYPK

601-650

DINVK WKIDG SERQN GVLNS WTDQD SKDST YSMSS TLTLT KDEYE RHNSY

651-672

TCEAT HKTST SPIVK SFNRN ES

FIG. 10